

**Table 103. Oil and Gas End-of-Year Reserves and Annual Reserve Additions**

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Lower 48 Reserves													
Crude Oil (billion barrels) 1/	19.34	18.94	19.15	20.02	21.07	21.32	21.62	21.77	21.23	20.76	20.12	19.53	19.04
Onshore	13.56	13.07	12.93	12.79	12.61	12.42	12.23	12.04	11.84	11.66	11.48	11.31	11.15
Offshore	5.78	5.87	6.22	7.23	8.47	8.90	9.39	9.74	9.39	9.10	8.63	8.22	7.90
Dry Natural Gas (trillion cubic feet)	178.5	180.8	188.2	194.9	200.1	205.2	206.9	205.7	204.2	202.1	200.2	197.3	194.7
Onshore	149.6	153.6	158.5	163.7	168.5	172.1	173.9	174.2	173.5	172.1	170.7	169.4	167.8
Associated-Dissolved 2/	13.9	13.5	13.3	13.1	12.9	12.7	12.5	12.3	12.1	12.0	11.8	11.6	11.5
Non-Associated	135.7	140.2	145.2	150.6	155.6	159.3	161.4	161.8	161.4	160.1	158.9	157.7	156.4
Conventional	53.1	52.4	53.8	55.3	56.4	57.1	57.3	57.1	56.8	56.1	55.4	54.8	54.1
Unconventional	82.6	87.8	91.4	95.3	99.2	102.3	104.1	104.7	104.6	104.0	103.5	103.0	102.2
Offshore	28.9	27.1	29.7	31.1	31.6	33.1	33.0	31.6	30.7	30.0	29.5	27.9	26.8
Associated-Dissolved 2/	8.0	7.2	7.1	7.1	7.3	7.3	7.5	8.0	7.8	7.8	7.7	7.7	7.6
Non-Associated	20.8	19.9	22.6	24.1	24.3	25.8	25.5	23.6	22.9	22.3	21.7	20.2	19.2
Lower 48 Reserve Additions													
Crude Oil (billion barrels) 1/	1.94	1.31	1.92	2.65	2.94	2.17	2.24	2.11	1.36	1.38	1.18	1.18	1.23
Onshore	1.27	0.60	0.91	0.90	0.85	0.82	0.80	0.78	0.77	0.76	0.75	0.74	0.73
Offshore	0.67	0.72	1.01	1.75	2.10	1.34	1.43	1.33	0.59	0.62	0.43	0.44	0.50
Dry Natural Gas (trillion cubic feet)	22.4	20.9	25.9	25.6	24.1	24.2	21.3	19.0	18.6	18.6	18.9	17.9	18.3
Onshore	19.6	18.0	18.8	19.4	19.0	17.8	16.4	15.2	14.3	14.1	14.3	14.2	14.1
Associated-Dissolved 2/	2.1	1.1	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
Non-Associated	17.6	16.8	17.5	18.1	17.7	16.6	15.2	14.1	13.2	13.0	13.2	13.1	13.0
Conventional	8.7	5.0	6.9	6.9	6.4	6.0	5.7	5.5	5.3	5.2	5.2	5.1	5.1
Unconventional	8.9	11.8	10.6	11.3	11.3	10.6	9.5	8.6	7.9	7.8	8.0	8.0	7.9
Offshore	2.7	3.0	7.1	6.2	5.2	6.4	5.0	3.8	4.3	4.5	4.6	3.7	4.2
Associated-Dissolved 2/	0.4	0.2	0.8	0.9	1.1	1.2	1.4	1.8	1.7	1.6	1.6	1.5	1.5
Non-Associated	2.3	2.8	6.3	5.3	4.0	5.2	3.6	1.9	2.6	2.9	3.0	2.2	2.7

**Table 103. Oil and Gas End-of-Year Reserves and Annual Reserve Additions**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2003-2025
Lower 48 Reserves												
Crude Oil (billion barrels) 1/	18.89	18.55	18.22	18.07	17.94	17.79	17.47	17.15	16.82	16.86	16.47	-0.6%
Onshore	10.98	10.82	10.67	10.52	10.37	10.22	10.08	9.94	9.80	9.66	9.53	-1.4%
Offshore	7.91	7.72	7.55	7.55	7.56	7.56	7.39	7.21	7.02	7.19	6.93	0.8%
Dry Natural Gas (trillion cubic feet)	194.9	194.5	192.5	189.8	187.4	186.1	184.7	182.5	181.0	180.7	178.3	-0.1%
Onshore	166.5	165.8	164.7	163.2	161.6	160.0	158.6	157.5	156.3	154.9	153.5	0.0%
Associated-Dissolved 2/	11.3	11.1	11.0	10.9	10.7	10.6	10.5	10.4	10.2	10.1	10.0	-1.3%
Non-Associated	155.2	154.7	153.7	152.3	150.9	149.4	148.1	147.1	146.0	144.8	143.4	0.1%
Conventional	53.6	53.1	52.4	51.6	50.8	50.1	49.4	48.8	48.1	47.4	46.6	-0.5%
Unconventional	101.7	101.6	101.3	100.7	100.0	99.3	98.7	98.3	97.9	97.4	96.9	0.4%
Offshore	28.4	28.7	27.7	26.6	25.8	26.1	26.1	25.1	24.7	25.8	24.8	-0.4%
Associated-Dissolved 2/	7.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	0.2%
Non-Associated	20.8	21.1	20.2	19.1	18.2	18.5	18.6	17.6	17.2	18.3	17.3	-0.6%
Lower 48 Reserve Additions												
Crude Oil (billion barrels) 1/	1.53	1.30	1.30	1.46	1.46	1.44	1.24	1.21	1.19	1.56	1.11	-0.8%
Onshore	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.65	0.64	0.63	0.2%
Offshore	0.81	0.59	0.60	0.77	0.78	0.77	0.57	0.56	0.54	0.93	0.48	-1.8%
Dry Natural Gas (trillion cubic feet)	20.8	19.3	17.7	17.5	17.7	18.7	18.3	17.1	17.6	19.2	17.2	-0.9%
Onshore	14.1	14.0	13.7	13.6	13.8	13.7	13.6	13.6	13.4	13.4	13.3	-1.4%
Associated-Dissolved 2/	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	-0.7%
Non-Associated	13.0	13.0	12.6	12.6	12.8	12.7	12.6	12.6	12.4	12.4	12.3	-1.4%
Conventional	5.0	4.9	4.8	4.7	4.7	4.7	4.6	4.5	4.4	4.3	4.2	-0.8%
Unconventional	8.0	8.1	7.9	7.9	8.1	8.1	8.0	8.1	8.1	8.1	8.1	-1.7%
Offshore	6.7	5.3	4.1	3.9	3.9	5.0	4.7	3.5	4.2	5.8	3.9	1.2%
Associated-Dissolved 2/	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	9.4%
Non-Associated	5.3	3.9	2.7	2.5	2.5	3.6	3.4	2.2	2.9	4.5	2.6	-0.4%

**Table 103. Oil and Gas End-of-Year Reserves and Annual Reserve Additions**

1/ Includes lease condensate.

2/ Gas which occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved).

Note: Totals may not equal sum of components due to independent rounding.

Sources: 2002: Energy Information Administration (EIA), U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, EIA/DOE-0216(2002) (Washington, DC, December 2003) and EIA, Office of Integrated Analysis and Forecasting (OIAF). 2003: EIA, OIAF. Projections: EIA, AEO2005 National Energy Modeling System run aeo2005.d102004a.